

John E Tobiason

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

613
citations

933447

10
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese Removal from Drinking Water Sources. <i>Current Pollution Reports</i> , 2016, 2, 168-177.	6.6	113
2	Characterization of Particles from Ferrate Preoxidation. <i>Environmental Science & Technology</i> , 2015, 49, 4955-4962.	10.0	100
3	Impacts of ferrate oxidation on natural organic matter and disinfection byproduct precursors. <i>Water Research</i> , 2016, 96, 114-125.	11.3	78
4	Comparison of ferrate and ozone pre-oxidation on disinfection byproduct formation from chlorination and chloramination. <i>Water Research</i> , 2019, 156, 110-124.	11.3	58
5	Bromide oxidation by ferrate(VI): The formation of active bromine and bromate. <i>Water Research</i> , 2016, 96, 188-197.	11.3	56
6	Oxidation of manganese(II) with ferrate: Stoichiometry, kinetics, products and impact of organic carbon. <i>Chemosphere</i> , 2016, 159, 457-464.	8.2	51
7	Adsorptive contactors for removal of soluble manganese during drinking water treatment. <i>Journal - American Water Works Association</i> , 2010, 102, 64-75.	0.3	23
8	Laboratory Assessment of Ferrate for Drinking Water Treatment. <i>Journal - American Water Works Association</i> , 2016, 108, E164.	0.3	21
9	Proactive modeling of water quality impacts of extreme precipitation events in a drinking water reservoir. <i>Journal of Environmental Management</i> , 2017, 201, 241-251.	7.8	17
10	Hydrodynamic granulation of oxygenic photogranules. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 427-440.	2.4	16
11	Three-Dimensional Modeling for Estimation of Hydraulic Retention Time in a Reservoir. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 976-984.	1.4	11
12	A Comprehensive Kinetic Model for Chlorine Decay and Chlorination By-Product Formation. <i>ACS Symposium Series</i> , 2000, , 223-246.	0.5	10
13	Modeling Manganese Removal in a Pilot-Scale Postfiltration Contactor. <i>Journal - American Water Works Association</i> , 2015, 107, E109.	0.3	9
14	Future Climate Effects on Thermal Stratification in the Wachusett Reservoir. <i>Journal - American Water Works Association</i> , 2015, 107, E197.	0.3	7
15	Modeling Crude Oil Fate and Transport in Freshwater. <i>Environmental Modeling and Assessment</i> , 2021, 26, 77-87.	2.2	7
16	Sustainable technology of trickling biosand filter (TBSF) combined with rock media to reduce organic matters for drinking water. <i>Desalination and Water Treatment</i> , 2016, 57, 7733-7741.	1.0	6
17	Modeling conservative contaminant effects on reservoir water quality. <i>Journal - American Water Works Association</i> , 2014, 106, E295.	0.3	5
18	Full-Scale Implementation of Second-Stage Contactors for Manganese Removal. <i>Journal - American Water Works Association</i> , 2016, 108, E606-E614.	0.3	5

#	ARTICLE	IF	CITATIONS
19	In Vivo Evaluation of Oxygenic Photogranulesâ€™ Photosynthetic Capacity by Pulse Amplitude Modulation and Phototrophicâ€™ Irradiance Curves. ACS ES&T Engineering, 2021, 1, 551-561.	7.6	5
20	Water quality monitoring with purpose: Using a novel framework and leveraging long-term data. Science of the Total Environment, 2022, 818, 151729.	8.0	5
21	Using the Lead and Copper Rule Revisions Five-Sample Approach to Identify Schools with Increased Lead in Drinking Water Risks. Environmental Science and Technology Letters, 2022, 9, 84-89.	8.7	5
22	Assessment of natural organic matter in Quabbin Reservoir. Journal of Water Supply: Research and Technology - AQUA, 2003, 52, 19-36.	1.4	4
23	Empirical Models for Chlorination By-Products: Four Years of Pilot Experience in Southern Connecticut. ACS Symposium Series, 1996, , 26-47.	0.5	1
24	Influence of manganese oxideâ€™ coated granular media on disinfection byproduct formation. AWWA Water Science, 2022, 4, .	2.1	0